APPLY TO DWG. WP01 THROUGH WP08

APPROXIMATE LENGTH APPROXIMATE LENGTH APPROXIMATE LENGTH

유유유

F 16" GAUGED D.I. F 12" GAUGED CL. F 12" C-900, P.C.

PIPE (P.C. 250 OR EQUIVALENT) = 52 D.I. PIPE = 550 LINEAL FEET + 150, PVC PIPE = 1,870 LINEAL FE

1,700 LINEAL FEET

+/-

20 0

20

TOTAL PROJECT

WATERMAIN TOTALS

Q 🗷 WATER LEGEND NEW PLANE AND OVERLAY EW END CAP EW THRUST BLOCK EW TRANSITION SLEEVE ELOCATED WATER METER CONTROL DENSITY FILL (CDF)
FIRE HYDRANT ASSEMBLY
WATER VALVE

ABANDONMENT NOTE:

WHENEVER A PIPE IS CUT AND NOT RECONNECTED, THE CUT ENDS SHALL BE CAPPED OR PLUGGED, AS DIRECTED BY INSPECTOR. ALL VALVE BOX TOPS ASSOCIATED WITH THE ABANDONED LINE SHALL BE REMOVED AND FILLED WITH CDF. THIS IS INCIDENTAL TO THE CONTRACTED WORK AND SHALL BE A PART OF OVERALL CONTRACT PRICE.

POINT OF CROSSING:

(A) EXIST. 8" SAN. = 181.52
(B) EXIST. 18" SIN. = UNKNOWN
(C) EXIST. 8" SAN. = 181.57
(C) EXIST. 8" SAN. = 181.57
(C) EXIST. 8" SAN. TIME OF CONSTRUCTION, DEFLECT WATERMAIN
(A) REQUIRED TO MAINTAIN MIN.

APPROXIMATE INVERT ELEVATIONS OF EXISTING AND PROPOSED UTILITIES AT UTILITY CROSSING INFO (WPO1):

8

X

X

X

CLEARANCES AS PER GENERAL NOTES, DWG. WPO9. COORDINATE W/ C.P.U. INSPECTOR.

HIGHWAY 99

W/ BLUE COLOR CODE RIBBON AND 11+00
TONING WIRE ATTACHED TO PIPE

(P.C. 250 OR EQUIVALENT)

INSTALL 16" GAUGED D.I. WATERMAIN

APPROX.—FINISHED GRADE = 190.10
—PROP. 12" STM. I.E. = 178.22+/MULTIPLE EXIST. UTILITY CROSSINGS,
INCLUDING GAS (x2), POWER AND W
POTHOLE PRIOR TO CONSTRUCTION,
DEFLECT NEW WATERMAIN AS REQUII

VTER. 12+00

PER GENERAL

S S

VERTICAL DEFLECTION REQUIRED.

PROPÓSED STORM SEWER CROSSING (4)-APPROX. FINISHED GRADE = 181.75+/-PROP. 18" STM. I.E. = 174.59+/-INSTALL WATERMAIN AT STANDARD DEPTH,

SANITARY SEWER CROSSING (HDSD)

CAUTION: PROPOSED STORM SEWER CROSSING CAUTION: EXIST. STORM SEWER CROSSING (CC)

CAUTION: EXIST. STORM SEWER SCHEDULED TO BE REMOVED CAUTION: EXIST. STORM SEWER SCHEDULED TO BE ABANDONED

UNDERGROUND POWER CROSSING (CPU) TELEPHONE CROSSING (QWEST)

VERIFY EXACT LOCATION AND ELEVATION PRIOR TO CONSTRUCTION. ANY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.

MANITAIN ALL MINIMUM CLEARANCES BETWEEN NEW WATERMAINS AND EXISTING UTILITIES AS IDENTIFIED IN THE PLANS, DESCRIBED IN THE GENERAL NOTES, AND REQUIRED BY THE STANDARD SPECIFICATIONS.

PLAN INDICATES MAINLINE CROSSINGS ONLY. VERIFY LOCATION OF LATERALS AS REQUIRED.

Public

Clark

APPROVED FOR CONSTRUCTION

(B) (B) (B)

TOPE SIME THAT

PIPE NOTE:

CONTRACTOR SHALL SUPPLY WORKER WHO IS CERTIFIED TO WORK ON A.C. PIPE WHEN ANY A.C. PIPE IS ENCOUNTERED DURING THE PROJECT.

MAINITAIN MINIMUM CLEARANCES AT ALL PROPOSED CROSSINGS AS PER GENERAL NOTES, DWG. WPO9.

ACTUAL LOCATION OF NEW WATER METERS SHALL BE DETERMINED BY THE INSPECTOR IN THE FIELD

CAUTION NOTES @ CROSSINGS (#)

(1) CAUTION: EXIST. WATERMAIN CROSSING (CPU)

(2) CAUTION: EXIST. GAS CROSSING (NWNG)

(3) CAUTION: EXIST. SANITARY SEWER CROSSING (C

(4) CAUTION: EXIST. STORM SEWER CROSSING (C

(4) CAUTION: PROPOSED STORM SEWER SCHEDULED 1

(6) CAUTION: EXIST. STORM SEWER SCHEDULED 1

(6) CAUTION: EXIST. TELEPHONE CROSSING (OWES

(6) CAUTION: EXIST. UNDERGROUND POWER CROSSING (OWES) CAUTION: EXIST. WATERMAIN CROSSING (CPU)

NO. OF
LOCATIONS ON
DWG. WPO1 ONLY
(SEE * NOTE:)

FOR ALL CROSSINGS:

PROJECT CONSTRUCTION NOTES

 $1-{\rm STD.}$ PERPENDICULAR BLOW-OFF ASSEMBLY, INCLUDING BLOCK. MAIN

2 — THRUST BLOCK APPROX. 10 L.F. 8" C—900, P.C. 150 PVC PIPE

ı

ASSEMBLY REFER

ENCE

NUMBER

(#)

AND

DESCRIPTION

AND THRUST

 \bigcirc

- 16" x 8" C.I. TEE, M.J. x SIDE FLG.
- 8" G.V., FLG. x M.J. W/ MEGALUG RETAINER GLANDS
- 8", 90° C.I. ELBOW, M.J. W/ MEGALUG RETAINER GLANDS
- WALVE BOX TOP W/ 6" PVC PIPE EXT.

NO. OF
LOCATIONS ON
DWG. WPO1 ONLY
(SEE * NOTE:)

1 — 16" x 8" C.I. TEE, F.G.
2 — 16" B.F.V., FLG. x M.J. W
2 — 16" B.F.V., FLG. x M.J. W
1 — 8", 11 1/4° C.I. BEND, w
1 — 8", 11 1/4° C.I. BEND, w
2 — THRUST BLOCK
2 — THRUST BLOCK
APPROX. 30 L.F. 8" CL. 52 D.
NOTE: PIPE SHALL BE RESTRAIL
JOINT RESTRAINT FOR D.I. PIPE
NORTH (APPROX. 50 L.F.) TO:

W/ MEGALUG RETAINER GLANDS MEGALUG RETAINER GLANDS M.J. W/ MEGALUG RETAINER GLA PVC PIPE EXT.

oud past, promising future

52 D.I. PIPE STRAINED AT T PIPE, EAST () TO SECOND

JOINTS WITH FIELD—LOK (TM) ROX. 30 L.F.) TO TRANSITION

UPON SATISFACTORY TESTING AND ACCEPTANCE OF NEW MAIN, CUT EXIST. PIPE AND CONNECT NEW C-900 PVC TO EXIST. PIPE WITH:

3A = 8" LONG PATTERN TRANSITION SLEEVE, M.J. (C-900 PVC/A.C.)

3B = 8" LONG PATTERN TRANSITION SLEEVE, M.J. (C-900 PVC/CL. 200 PVC)

3C = 8" LONG PATTERN TRANSITION SLEEVE, M.J. (C-900 PVC/CL. 200 PVC)

3D = 12" LONG PATTERN SLEEVE, M.J. (C-900 PVC/CL. 200 PVC)

ABANDON EXIST. LINE WITH END CAP AND THRUST BLOCK PER C.P.U. REQUIREMENTS.

(5)

NOTE: THE NO. OF LOCATIONS REFERS TO ONLY THE ITEMS IDENTIFIED WITH AND DOES NOT INCLUDE ITEMS CALLED OUT INDEPENDENTLY ON THE PLAN.

16", 22 1/2° C.I. BEND, THRUST BLOCK

M.J. W/ MEGALUG

RETAINER GLANDS

(#)

REVISION NO.1

3/9/04

CLARK COUNTY

DESIGN & ENGINEERING DIVISION DESIGN SECTION

EXIST. 8" CL. 200 PVC

¥38)

Harper Houf Peterson Righellis Inc.

MATCH LINE STA. 13+00 SEE DWG. WP02

5



CALL 48 HOURS BEFORE YOU DIG 1-800-553-4344 "It's the Law

DESIGNED JDB DRAWN 392922 1" = 20 10R N/A 3/9/04 VERT DATE WP01 DWG: 74 OF 84

Fed. Ald No. STPF-4253(010)

WATERMAIN PLAN - N.E. HWY. 99 STA. 9+00 TO STA. 13+00

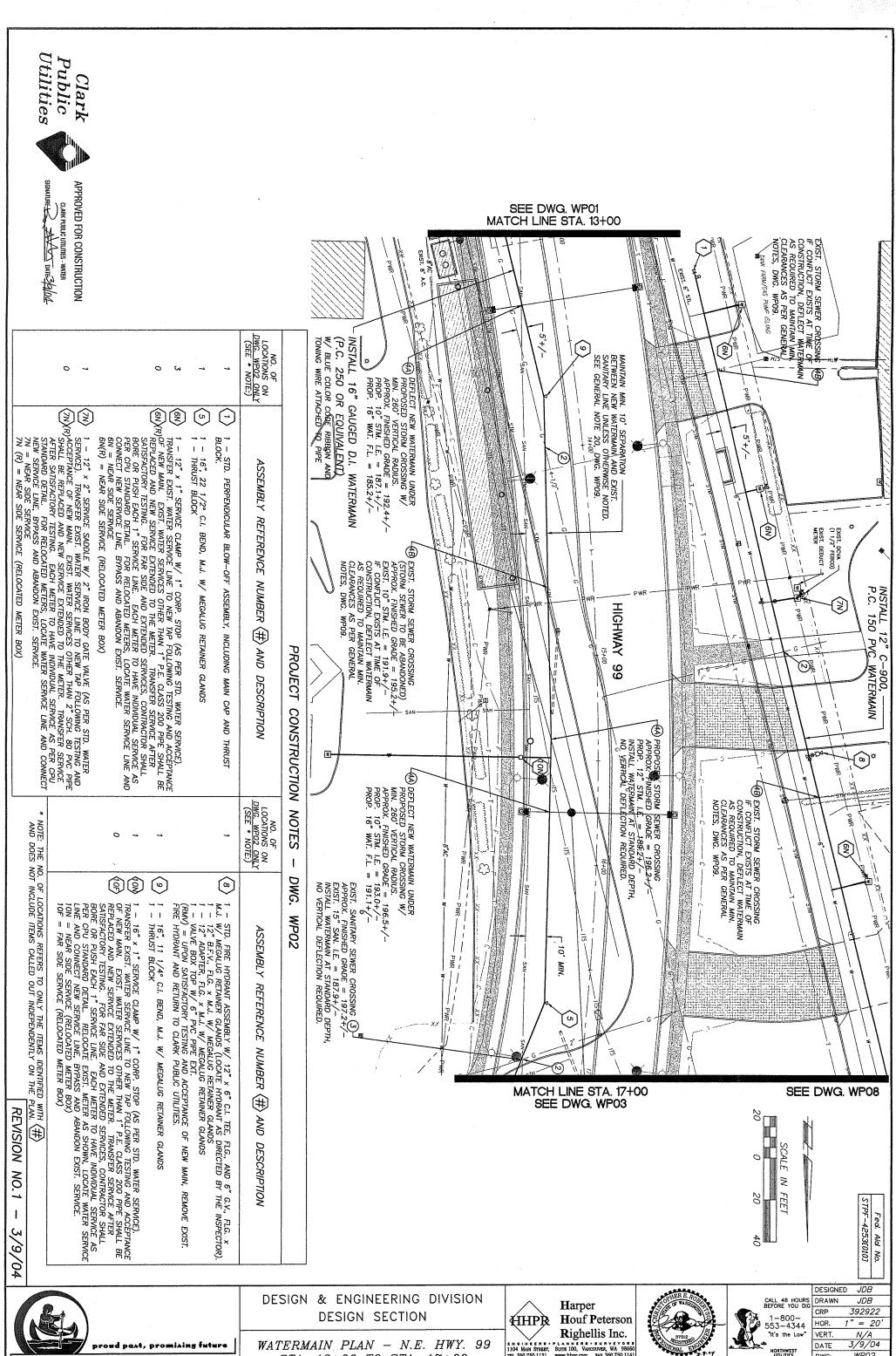
HHP SUITE 100, VANCOUVER, WA 9866 www.hhpr.com FAX 360.750.114

몔

EXIST. 12" CL. 200 PVC

ø B 🌣

N.E. 129TH STREET



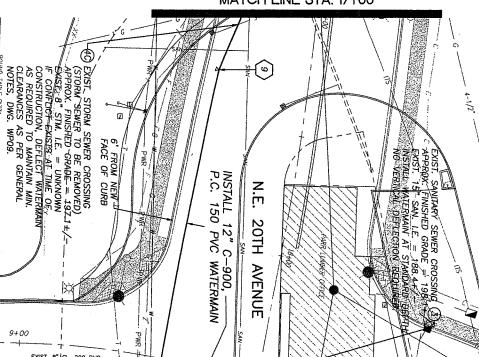


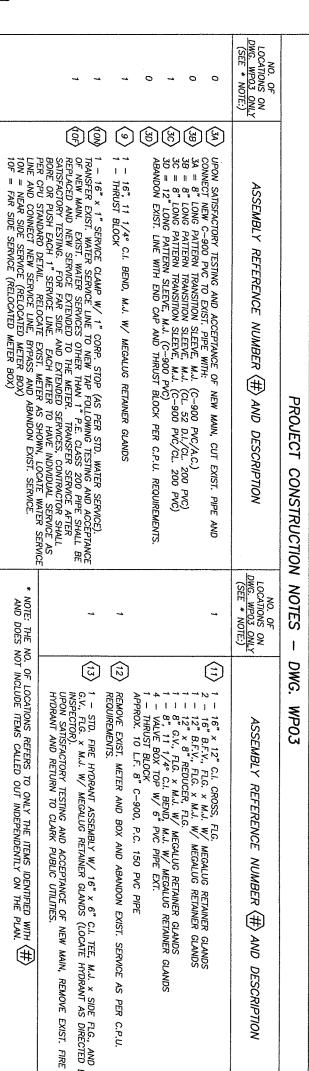
STA. 13+00 TO STA. 17+00

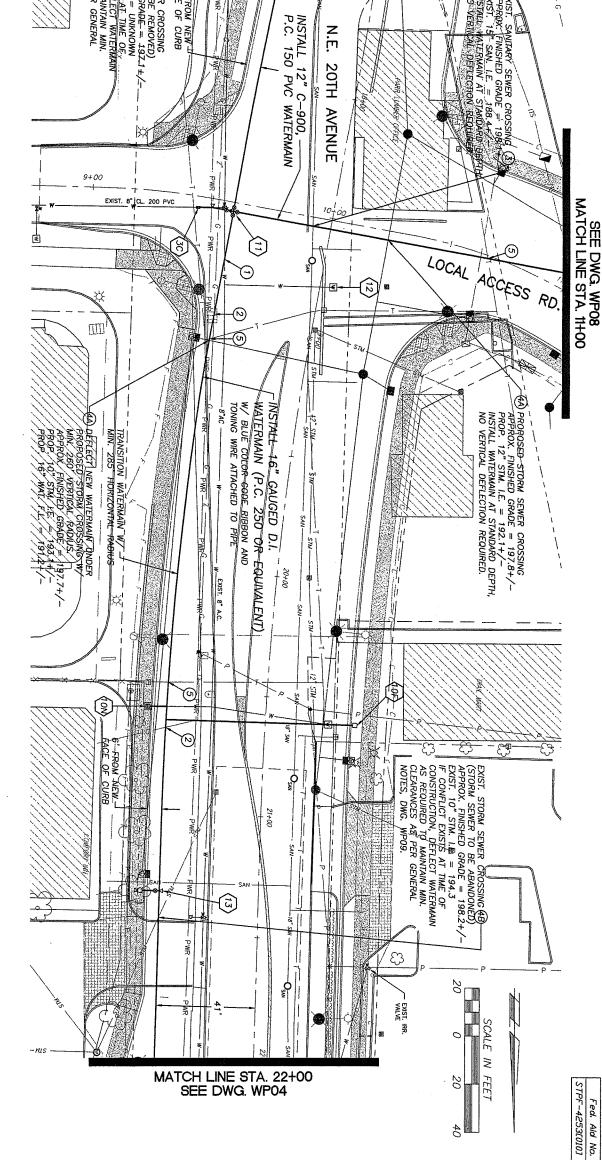




WP02 OF 84







3/9/04 CLARK COUNTY WASHINGTON

Β 6°

HE

REVISION NO.1

DESIGN & ENGINEERING DIVISION

STA. 17+00 TO STA. 22+00



Harper Houf Peterson Righellis Inc. SUITE 100, VANCOUVER, WA 9866 www.hhpr.com FAX 360.750.114





DESIGNED JDB DRAWN JDB CRP 392922 1" = 20 N/A 3/9/04 VERT. DATE WP03 DWG: 76 OF 84

SHEET

DESIGN SECTION

WATERMAIN PLAN - N.E. HWY. 99



APPROVED FOR CONSTRUCTION JIGNATURE AAAA DATE 3/9/04

NEW

MAIN,

REMOVE EXIST.

FIRE

* NOTE: THE NO. AND DOES NOT I

INCLUDE ITEMS CALLED OUT

HE ITEMS IDENTIFIED WITH VIDENTLY ON THE PLAN.

(#)

REVISION NO.1

NO. OF
LOCATIONS ON
DWG. WPO4 ONLY
(SEE * NOTE:) (15) (1) (12) (\$(\$) 8888 1 — 16" x 1" SERVICE CLAMP W/ 1" CORP. STOP (AS PER STD. WATER SERVICE).

TRANSFER EXIST. WATER SERVICE LINE TO NEW TAP FOLLOWING TESTING AND ACCEPTANCE OF NEW MAIN. EXIST. WATER SERVICES OTHER THAN 1" P.E. CLASS 200 PIPE SHALL BE REPLACED AND NEW SERVICE EXTENDED TO THE METER. TRANSFER SERVICE AFTER SATISFACTORY TESTING. FOR FAR SIDE AND EXTENDED SERVICES, CONTRACTOR SHALL BORE OR PUSH EACH 1" SERVICE LINE. EACH METER TO HAVE INDIVIDUAL SERVICE AS PER CPU STANDARD DETAIL. RELOCATE EXIST. METER AS SHOWN, LOCATE WATER SERVICE LINE AND CONNECT NEW SERVICE LINE, BYPASS AND ABANDON EXIST. SERVICE. 10N = NEAR SIDE SERVICE (RELOCATED METER BOX)

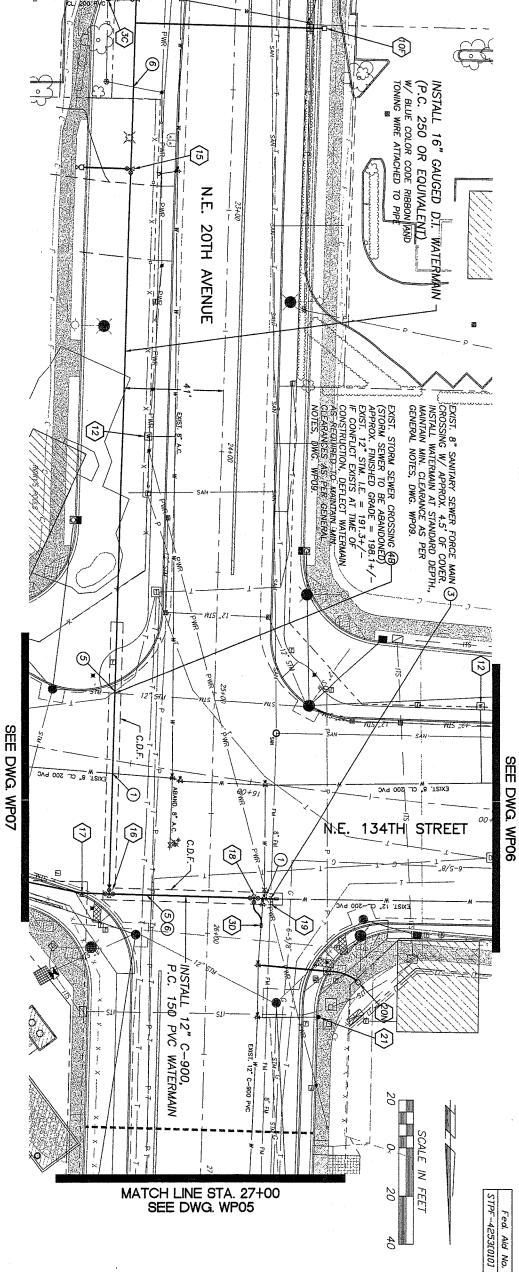
10F = FAR SIDE SERVICE (RELOCATED METER BOX) UPON SATISFACTORY TESTING AND ACCEPTANCE OF CONNECT NEW C-900 PVC TO EXIST. PIPE WITH:

3A = 8" LONG PATTERN TRANSITION SLEEVE, M.J.,

3B = 8" LONG PATTERN TRANSITION SLEEVE, M.J.,

3C = 8" LONG PATTERN TRANSITION SLEEVE, M.J.,

3D = 12" LONG PATTERN SLEEVE, M.J., (C-900 PV
ABANDON EXIST. LINE WITH END CAP AND THRUST 1 — STD. FIRE HYDRANT ASSEMBLY W/ 16" x 6" C.I. TEE, FLG., AND M.J. W/ MEGALUG RETAINER GLANDS (LOCATE HYDRANT AS DIRECTED B 1 — 16" B.F.V., FLG. x M.J. W/ MEGALUG RETAINER GLANDS 1 — 16" ADAPTER, FLG. x M.J. W/ MEGALUG RETAINER GLANDS 1 — VALVE BOX TOP W/ 6" PVC PIPE EXT. REMOVE EXIST. METER AND BOX AND ABANDON EXIST. SERVICE AS PER C.P.U. REQUIREMENTS. 1 - 16" x 8" C.I. TEE, M.J. x SIDE FLG. 1 - 8" G.V., FLG. x M.J. W/ MEGALUG RETAINER GLANDS 1 - VALVE BOX TOP W/ 6" PVC PIPE EXT. 1 - THRUST BLOCK APPROX. 10 L.F. 8" C-900, P.C. 150 PVC PIPE ASSEMBLY REFERENCE NUMBER G AND ACCEPTANCE OF NEW MAIN, CUT EXIST. PIPE TO EXIST. PIPE WITH: (#) (C-900 PVC/A.C.) (CL 52 D.I./CL 20 (C-900 PVC/CL 2 PVC) BLOCK PER C.P.U. REQUIREMENTS. PROJECT A B DESCRIPTION 200 PVC) 200 PVC) CONSTRUCTION NOTES AND SEE DWG. WP07 NO. OF
LOCATIONS ON
DWG. WPO4 ONLY
(SEE * NOTE:) (2) (ig) (a) (3) (fs) DWG. (21) RELOCATE EXIST. METER AS SHOWN AND/OR AS DIREC LEAD AS NECESSARY. EXIST. WATER SERVICES OTHER R BE REPLACED AND NEW SERVICE EXTENDED TO THE W SATISFACTORY TESTING. EACH METER TO HAVE INDIVIS STANDARD DETAIL. 20N = NEAR SIDE SERVICE (RELOCATED METER BOX) 1 - 12" C.I. TEE, FLG. (LOCATE 3 - 12" B.F.V., FLG. x M.J. W. 3 - VALVE BOX TOP W/ 6" PI 1 - THRUST BLOCK APPROX. 20 L.F. 12" C-900, I 1 — 12" C.I. TEE, F.G. X.J. W/ MEGALUG RETAINER GLANDS
1 — 16" X 12" REDUCER, M.J.L.E.B. X P.E. W/ MEGALUG RETAINER
3 — VALVE BOX TOP W/ 6" PVC PIPE EXT.
1 — THRUST BLOCK
NOTE: PIPE SHALL BE RESTRAINED AT THE JOINTS WITH FIELD—LOK JOINT RESTRAINT FOR D.I. PIPE SOUTH OF REDUCER (APPROX. 80 L RELOCATE EXIST. FIRE HYDRAI NECESSARY AND ADJUST ELEN 1 — 12" LONG PATTERN TRANSITION SLEEVE, M.J. (C-900 PVC/CL. 200 PVC) ABANDON EXIST. LINE WITH END CAP AND THRUST BLOCK AS PER C.P.U. REQUIREMENTS. — TEMP. STD. PERPENDICUL THRUST BLOCK. UPON SATISF TEMP. BLOW-OFF ASSEMBLY, (WP04 12", 11 1/4° C.I. BEND, THRUST BLOCK **ASSEMBLY** REFERENCE NT AS DIRECTED BY THE INSPECTOR. JATION TO FINISHED GRADE. LAR BLOW-OFF ASSEMBLY, INCLUDING MAIN CAP AND FACTORY TESTING AND ACCEPTANCE OF NEW MAIN, REMOVE CUT EXIST. PIPE AND CONNECT NEW C-900 TO EXIST. PIPE ATE AS DIRECTED BY THE INSPECTOR)
W/ MEGALUG RETAINER GLANDS
PVC PIPE EXT. W/ MEGALUG RETAINER GLANDS J.L.E.B. × P.E. W/ MEGALUG RETAINER GLANDS PVC PIPE EXT. HOWN AND/OR AS DIRECTED BY THE INSPECTOR. EXTEND WATER SERVICES OTHER THAN 2" SCH. 80 PVC PIPE SHALL TRANSFER SERVICE AFTER HETER TO HAVE INDIVIDUAL SERVICE AS PER CPU P.C. 150 PVC PIPE (SPLIT NORTH AND WEST) M.J. W/ MEGALUG RETAINER GLANDS NUMBER \oplus AND DESCRIPTION EXTEND **GASKET**



SEE DWG. WP03 MATCH LINE STA. 22+00

(1)



LEAD

AS

DESIGN & ENGINEERING DIVISION DESIGN SECTION

INSTANT

Harper Houf Peterson **∕HHPÌ**₹ Righellis Inc. SUITE 100, VANCOUVER, WA 98660 www.hhpr.com FAX 360.750.114





DESIGNED JDB JDB DRAWN CRP 392922 1" = 20 HOR. VERT. N/A 3/9/04 DATE WP04 DWG:

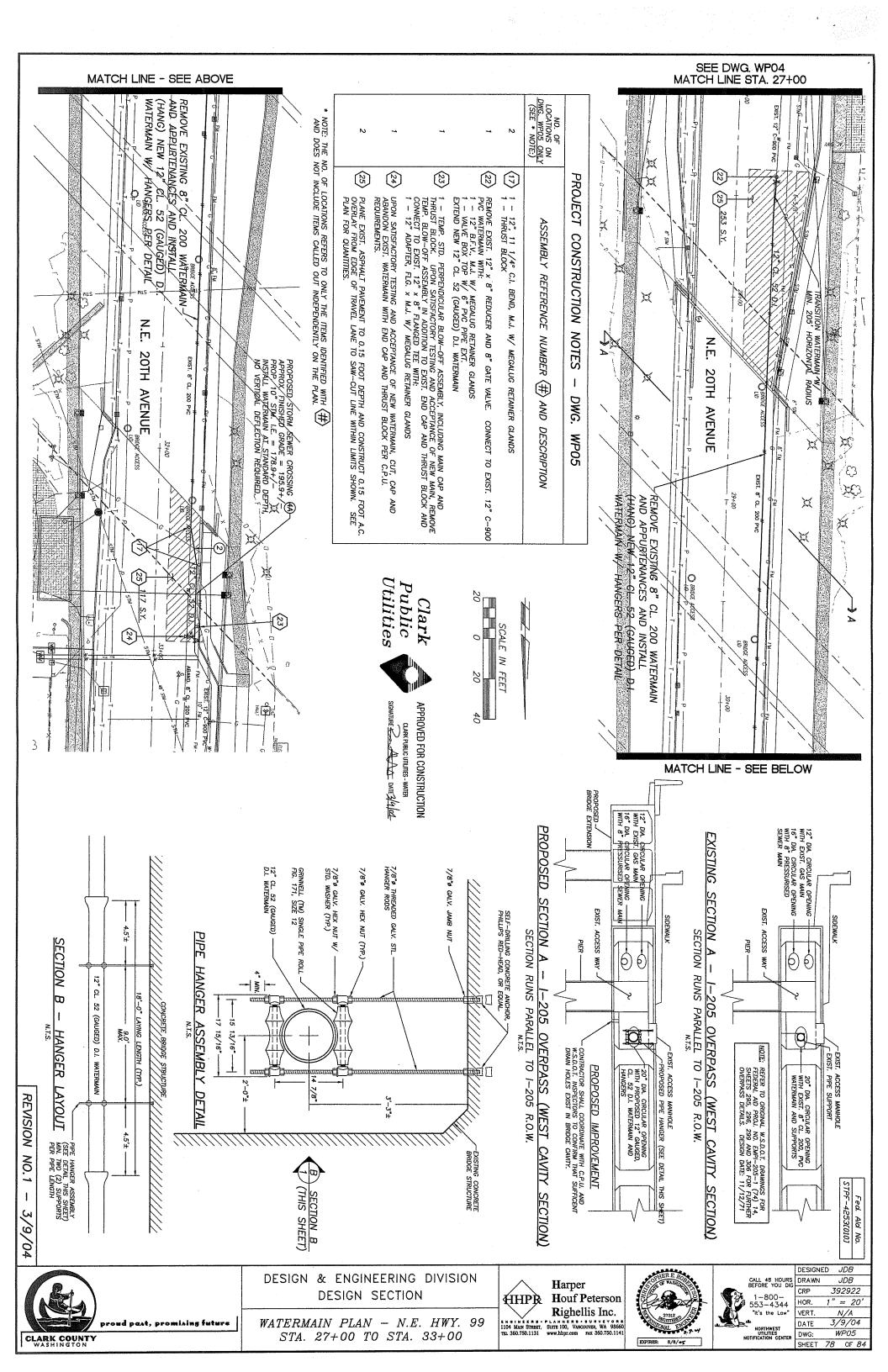
OF 84

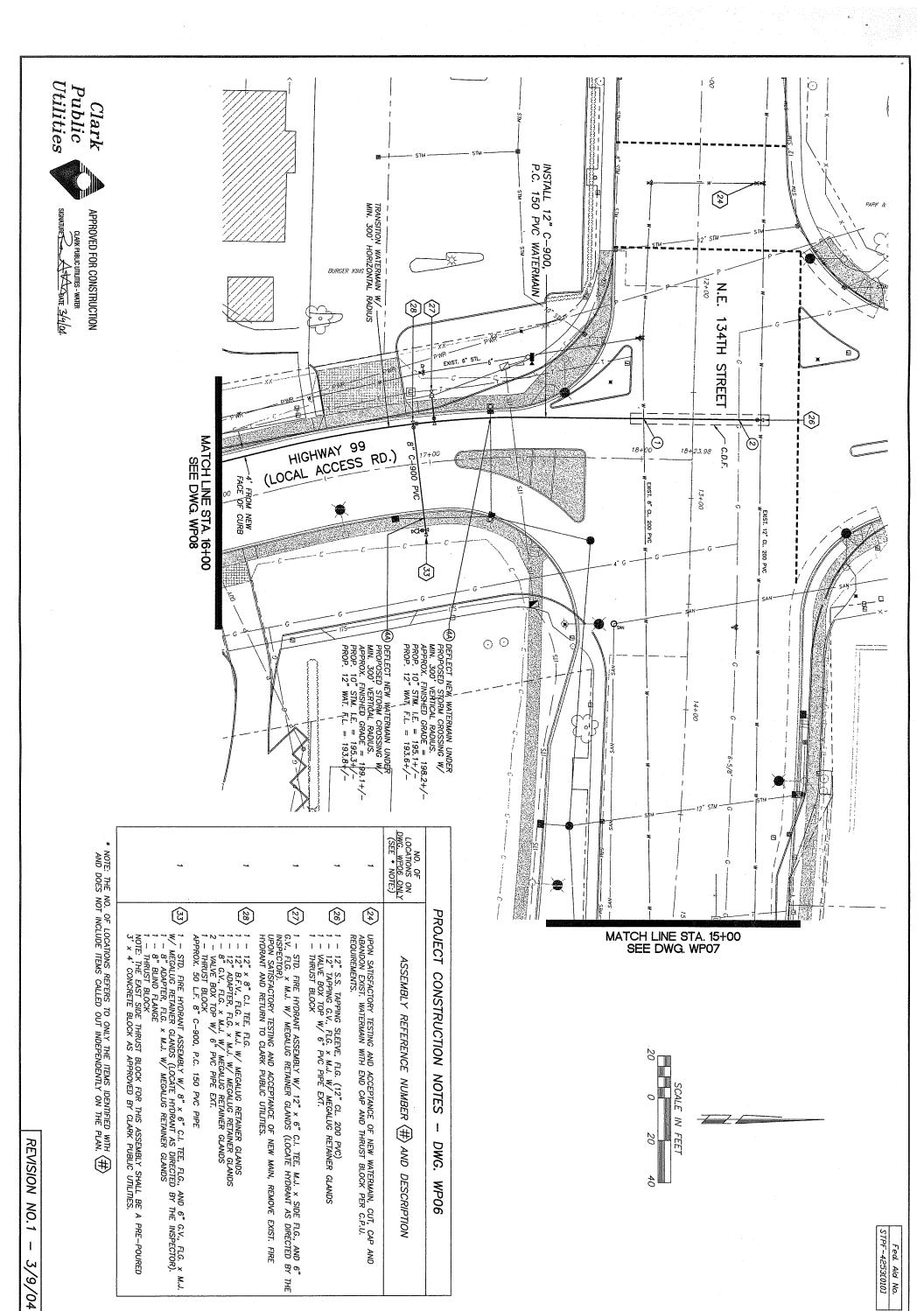
SHEET

ud past, promising future

WATERMAIN PLAN - N.E. HWY. 99

STA. 22+00 TO STA. 27+00





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DESIGN & ENGINEERING DIVISION DESIGN SECTION

WATERMAIN PLAN - N.E. 134TH ST. STA. 11+00 TO STA. 15+00



Harper Houf Peterson Righellis Inc.
SUITE 100, VANCOUVER, WA 98660
www.hbpr.com PAX 360.750.1141



CALL 48 HOURS BEFORE YOU DIG 1-800-553-4344 "It's the Low"

JDB DESIGNED DRAWN JDB CRP 392922 1" = 20' HOR. N/A 3/9/04 VERT. DATE WP06 DWG: SHEET 79 OF 84

CLARK COUNTY



SEE DWG. WP06 MATCH LINE STA. 15+00 SEE DWG. W REGARDING N.E. 20TH A WPO4 FOR ASSEMBLY NOTES THE INTERSECTION OF AME. AND N.E. 134TH, ST. EXIST, 12" DE EXIST. 8" CL 200 PVC SEE DWG. WP04 SEE DWG. WP04 N.E. 20TH AVENUE 17+00 10' FROM NEW-FACE OF CURB TRANSITION WATERMAIN W/ _/ MIN. 300' HORIZONTAL RADIUS 134TH STREET X - WEXIST. 8" CL. 200 PVC 10' FROM NEW FACE OF CURB (4) EXIST. STORM SEWER CROSSING
APPROX. FINISHED GRADE = 197.4+/PROP. 12" STM. I.E. = 189.4+/INSTALL WATERMAIN AT STANDARD DEPTH,
NO VERTICAL DEFLECTION REQUIRED. X X INSTALL 12" C-900, P.C. 150 PVC WATERMAIN PROJECT (8) CONSTRUCTION NOTES 19+00 APPROX.
APPROX.
EXIST. 10
IF CONSTRUCT
AS REQUIRE
CLEARANCES,
NOTES, DWG SCALE IN \mathfrak{S} X DWG. WP07 20. ed. Aid No. -4253[010]

NOTE: THE NO. OF LOCATIONS REFERS TO ONLY THE ITEMS IDENTIFIED WITH (#) AND DOES NOT INCLUDE ITEMS CALLED OUT INDEPENDENTLY ON THE PLAN.

P.C.

150 PVC

PENDENTLY ON THE PLAN. THE

3/9/04

proud pant, promining future

CLARK COUNTY
WASHINGTON

J. W/ MEGALUG RETAINER GLANDS
M.J. W/ MEGALUG RETAINER GLANDS
W/ MEGALUG RETAINER GLANDS
A.J. W/ MEGALUG RETAINER GLANDS
5" PVC PIPE EXT.

DESIGN & ENGINEERING DIVISION
DESIGN SECTION

NO. OF
LOCATIONS ON
DWG. WPO7 ONLY
(SEE * NOTE:)

ASSEMBLY REFERE

NCE NUMBER

(#)

AND DESCRIPTION

UPON SATISFACTORY TESTING AND ACCEPTANCE OF NEW MAIN, CUT EXIST. PIPE AND CONNECT NEW C-900 PVC, TO EXIST. PIPE WITH:

3A = 8" LONG PATTERN TRANSITION SLEEVE, M.J. (C-900 PVC/A.C.)

3B = 8" LONG PATTERN TRANSITION SLEEVE, M.J. (CL. 52 D.I./CL. 200 PVC)

3C = 8" LONG PATTERN TRANSITION SLEEVE, M.J. (C-900 PVC/CL. 200 PVC)

3D = 12" LONG PATTERN SLEEVE, M.J. (C-900 PVC)

ABANDON EXIST. LINE WITH END CAP AND THRUST BLOCK PER C.P.U. REQUIREMENTS.

1 — STD. PERPENDICULAR BLOW-OFF ASSEMBLY, INCLUDING BLOCK.

MAIN CAP AND THRUST

WATERMAIN PLAN - N.E. 134TH ST. STA. 15+00 TO STA. 19+00



Harper
Houf Peterson
Righellis Inc.
Surrs 100, VANCOUVER, WA 98660
www.hhpr.com PAX 380.750.1141



CALL 48 HOURS BEFORE YOU DIG CRP

1 -800 - HOR.

1553 - 4344

This he Low VERT.

NORTHWEST UTILITIES NOTIFICATION CENTER

NOTIFICATION CENTER

SHEET

DESIGNED JDB

DRAWN JDB

CRP 392922

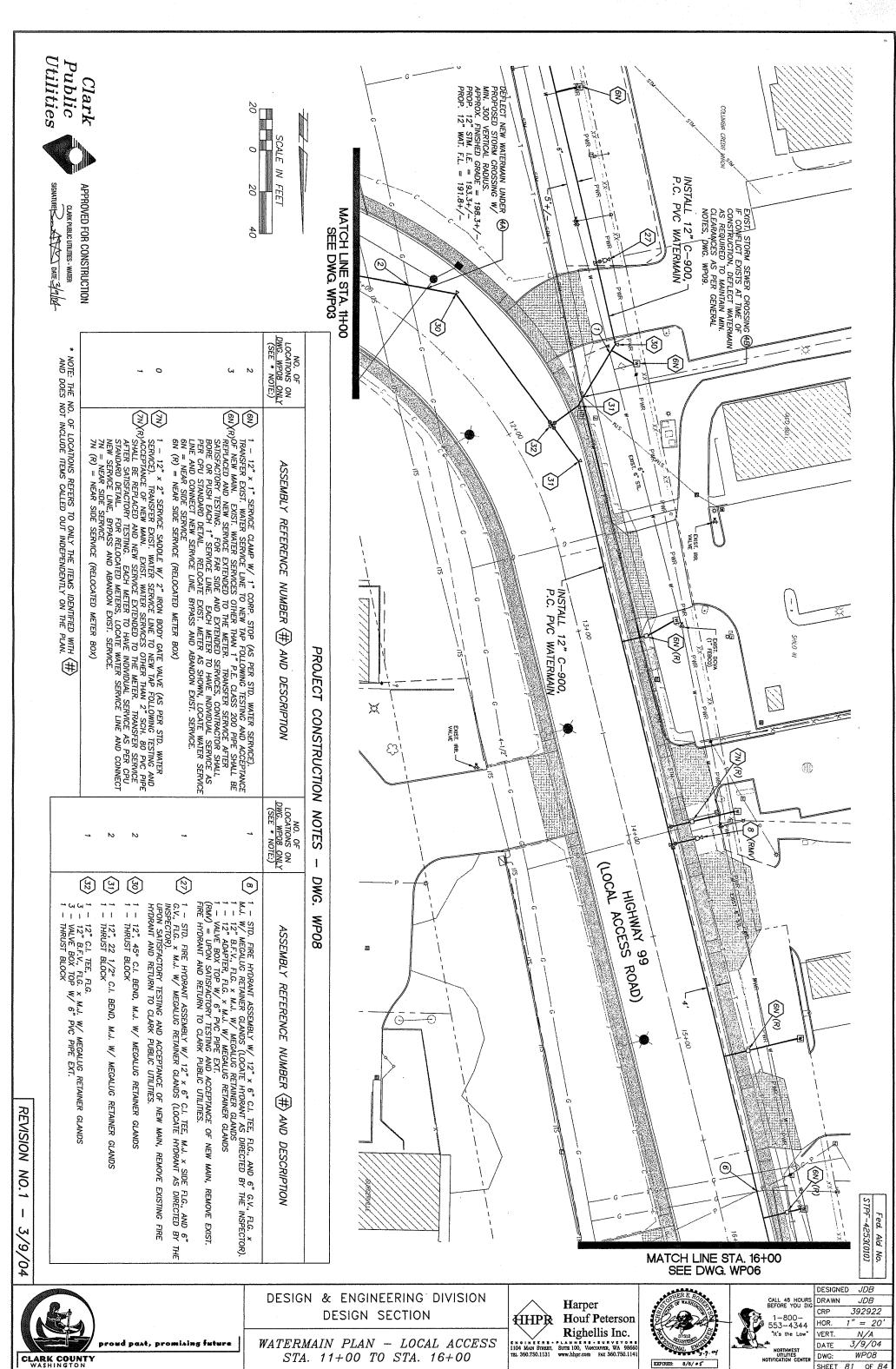
14 HOR. 1" = 20'

VERT. N/A

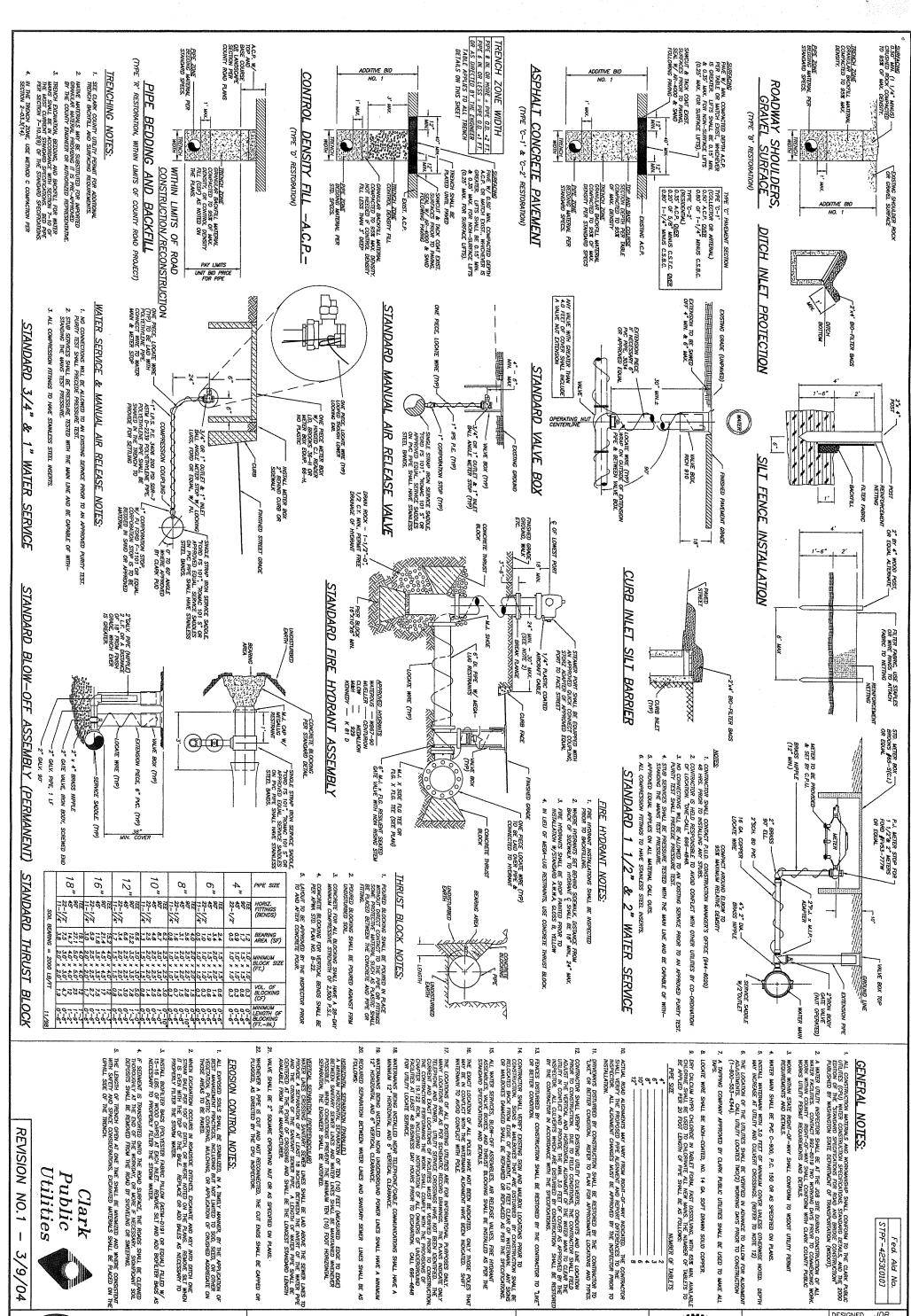
DATE 3/9/04

DWG: WP07

80 OF 84



SHEET 81 OF 84



CLARK COUNTY WASHINGTON

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DESIGN & ENGINEERING DIVISION DESIGN SECTION

HIGHWAY 99 REALIGNMENT STANDARD WATER DETAILS



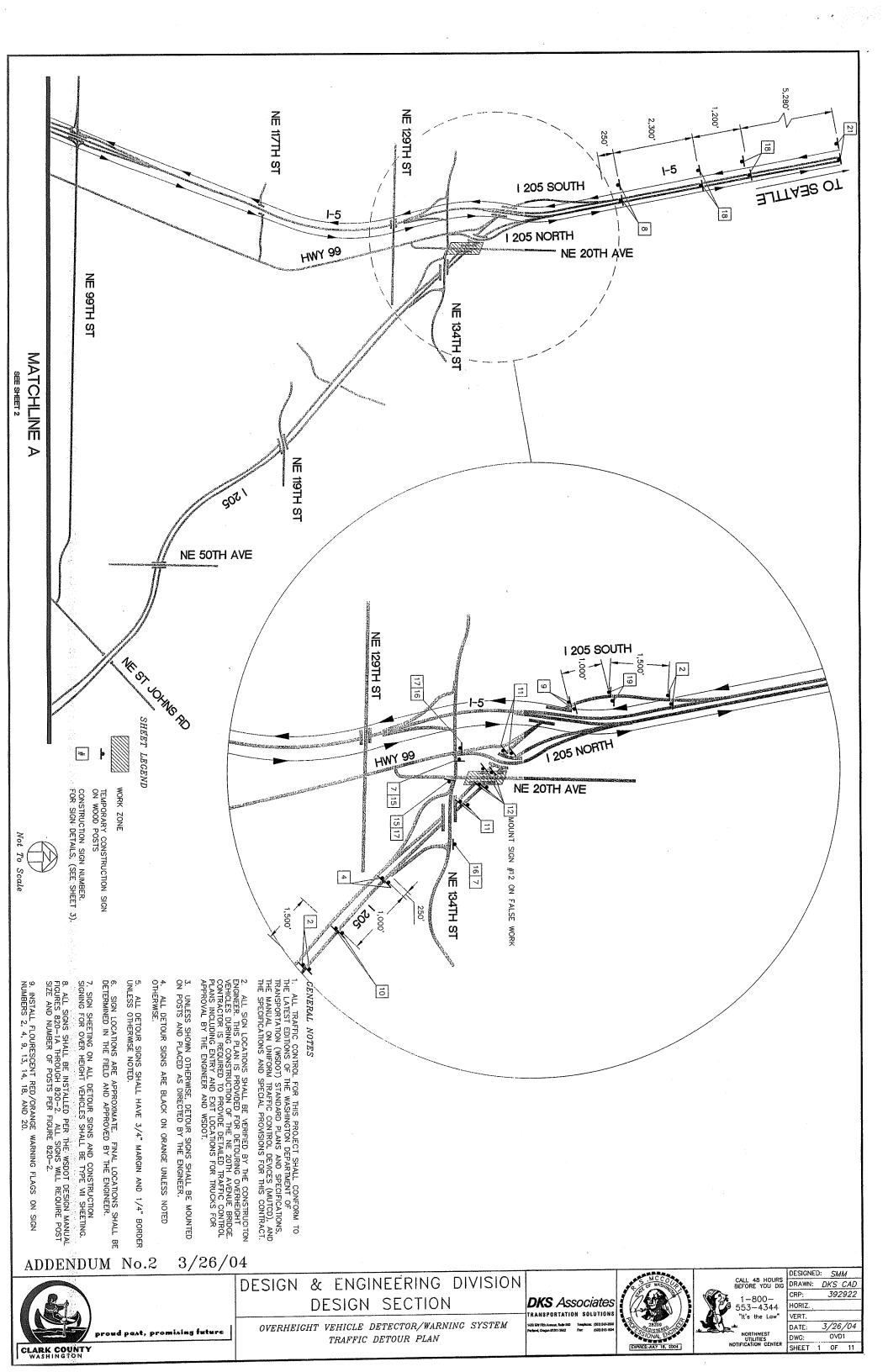
Harper

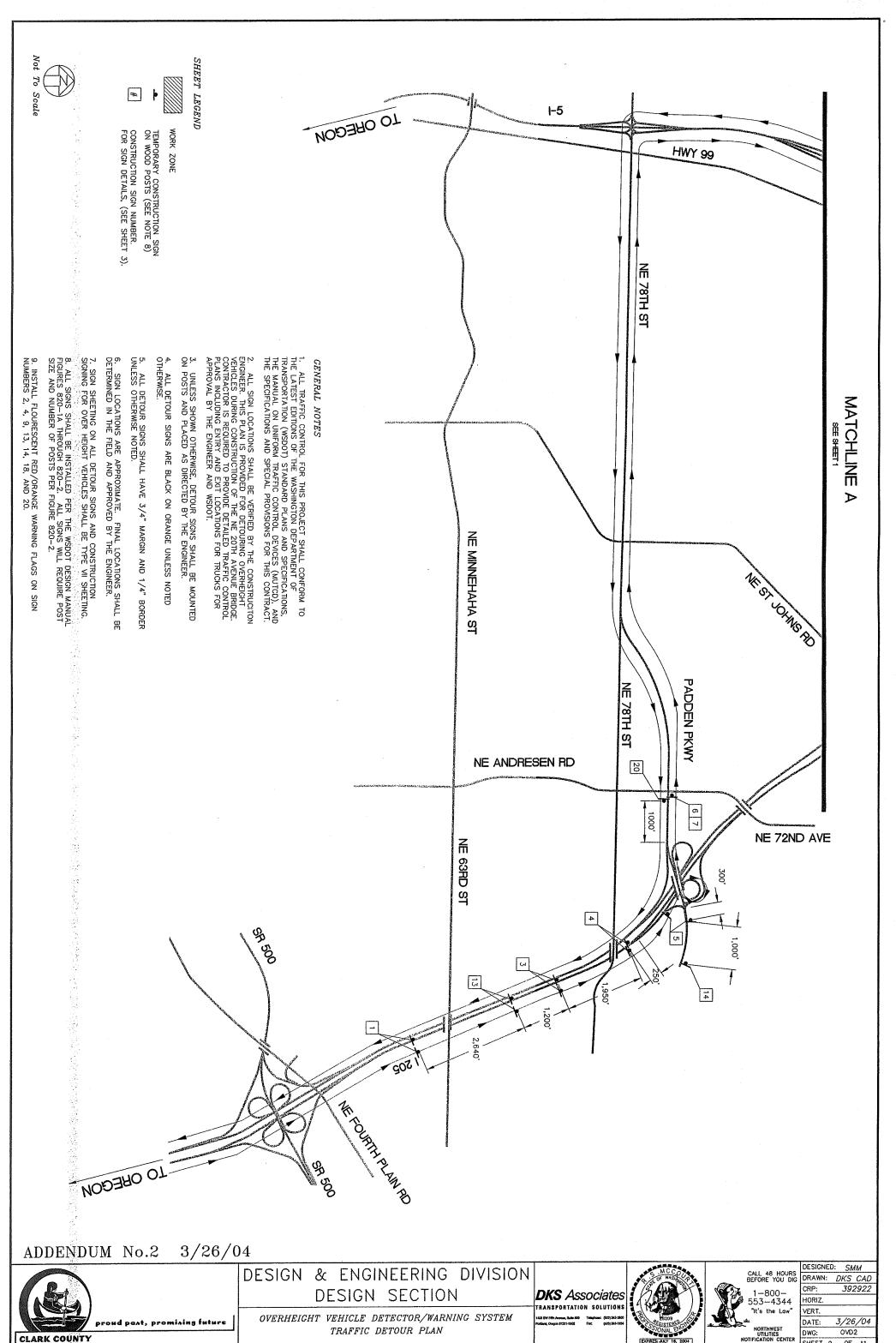




JDB DESIGNED DRAWN JDB CRP 392922 " = 20 IOR. N/A 3/9/04 VERT DATE WP09 DWG: OF 84

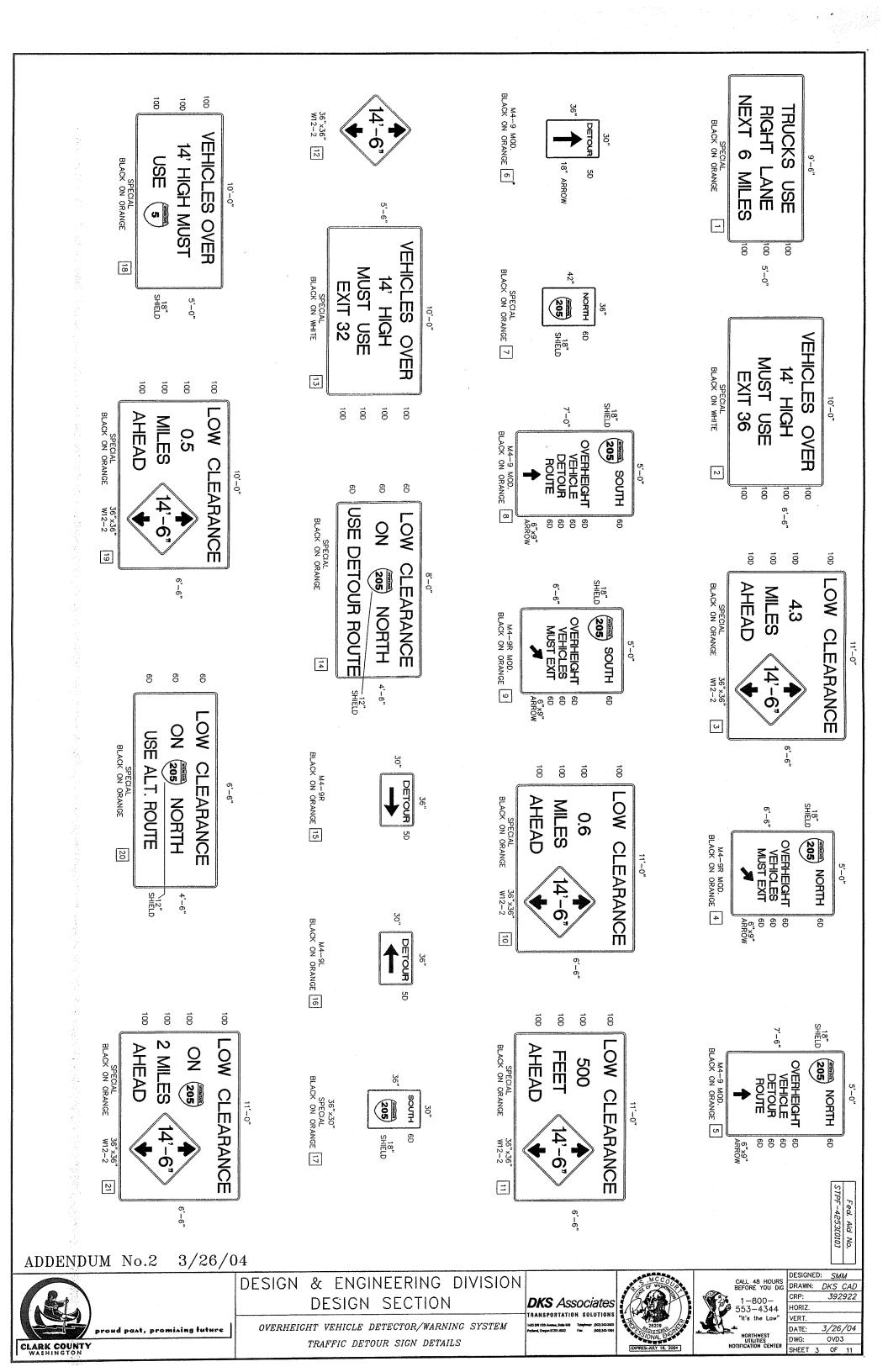
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SUITE 100, VANCOUVER, WA 98660
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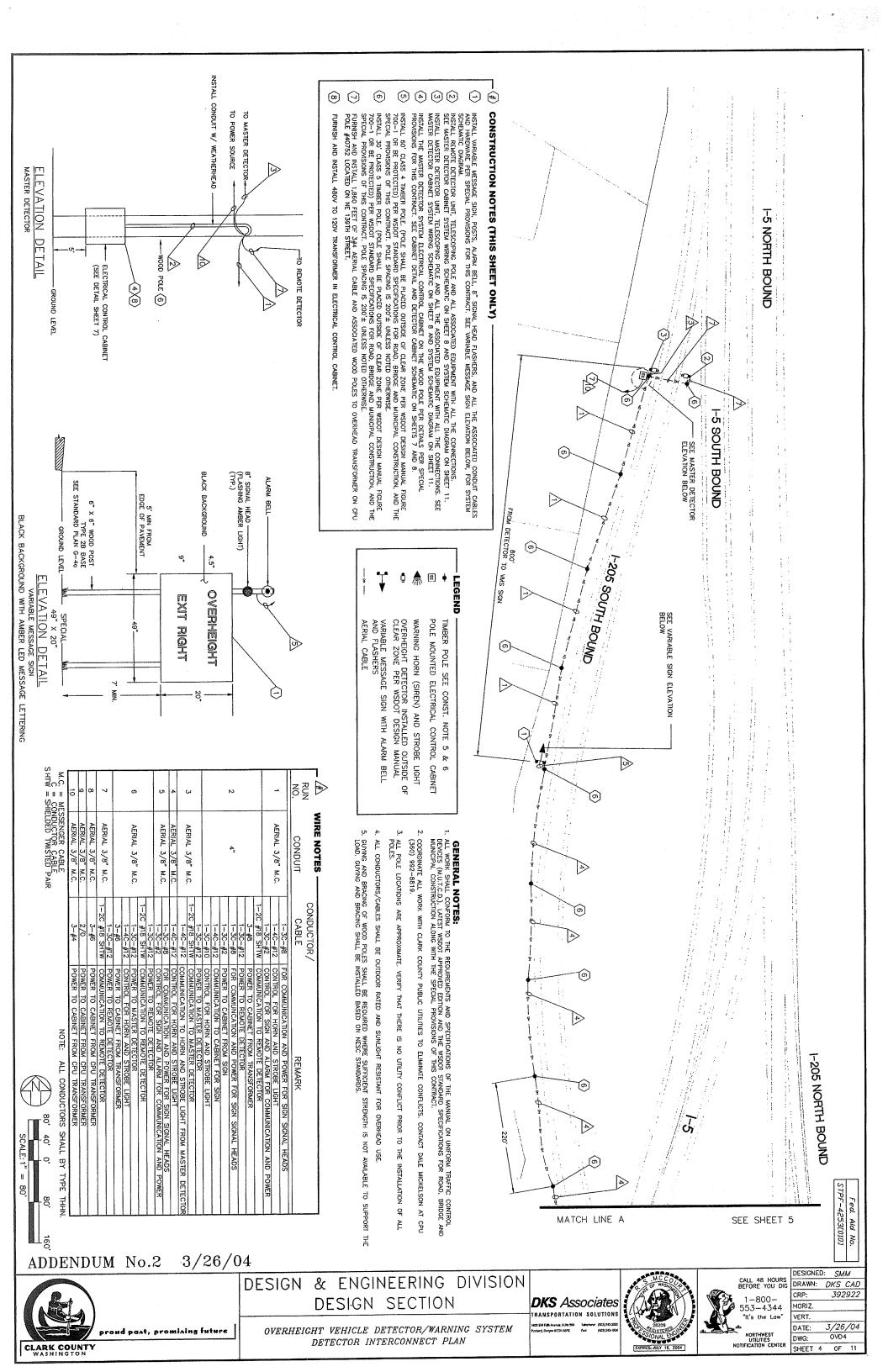


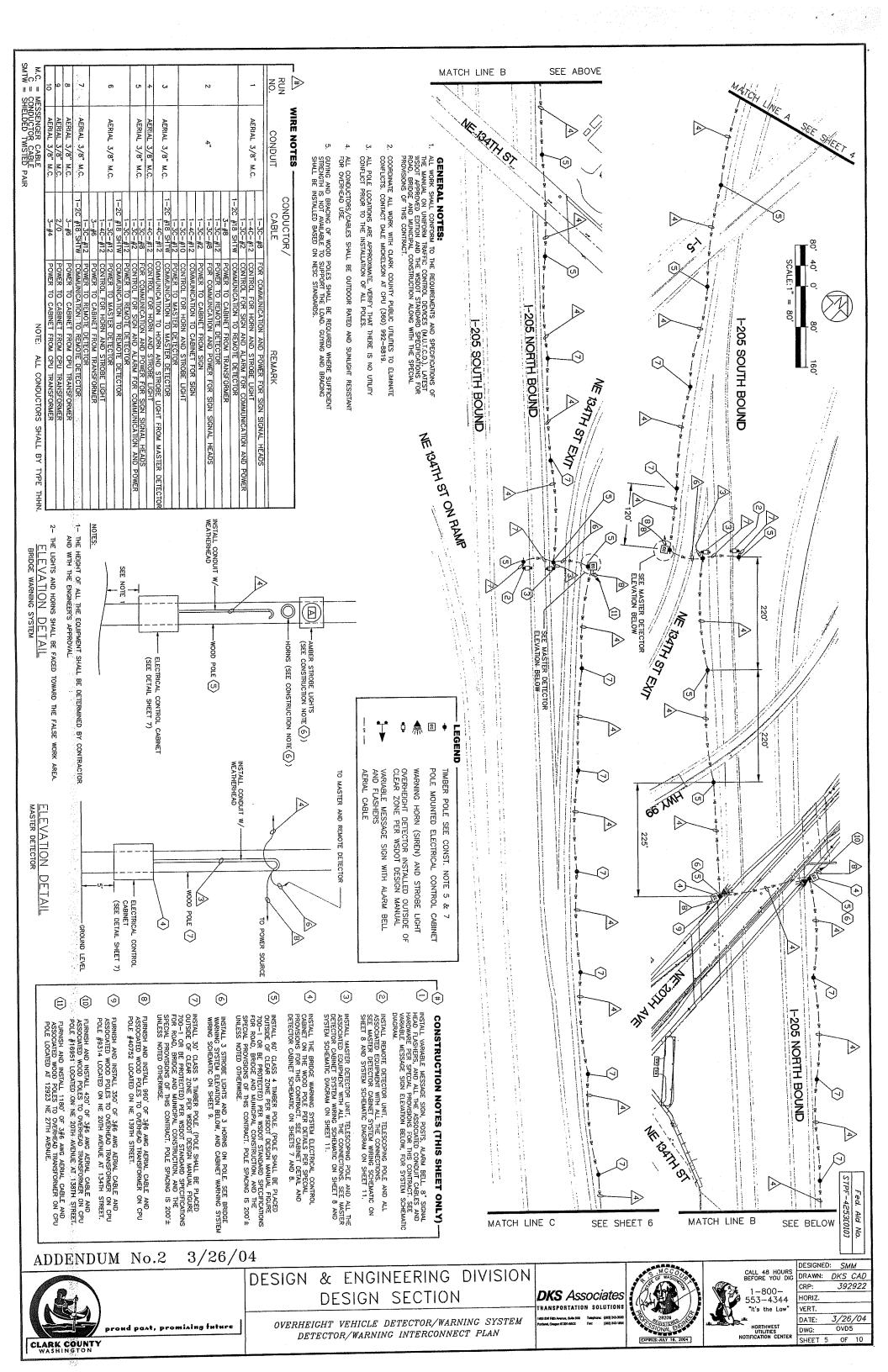


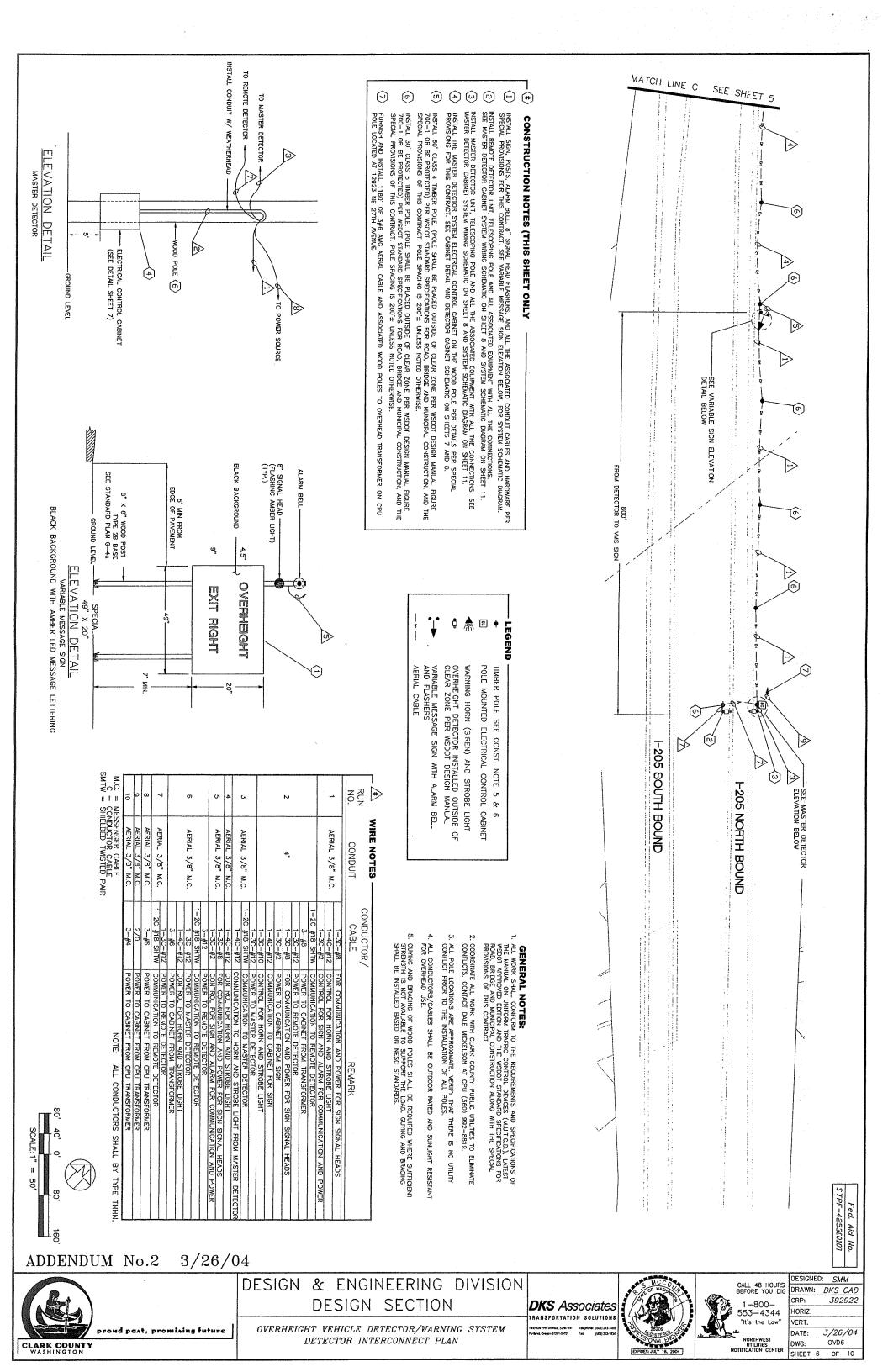
OF 11

CLARK COUNTY







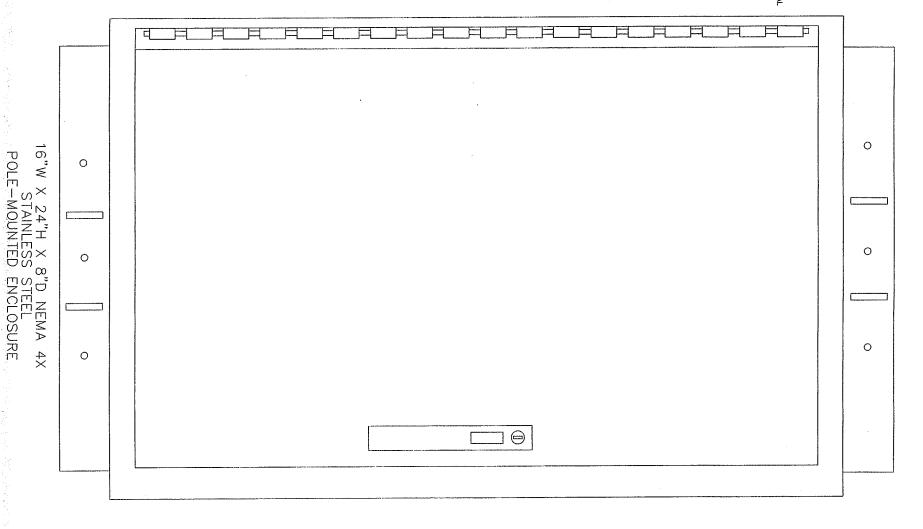


1. ENCLOSURE (ELECTRICAL CONTROL CABINET) SHALL BE MOUNTED USING UNISTRUTS.

2. SUB-PANEL SHALL BE WHITE ENAMEL PAINTED STEEL.
3. ALL CONDUIT TERMINATIONS SHALL BE WATERPROOF AND HAVE GROUNDING BUSHINGS. 4. ALL ELECTRICAL EQUIPMENT AND WIRING PRACTICES
SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL
ELECTRIC CODE.

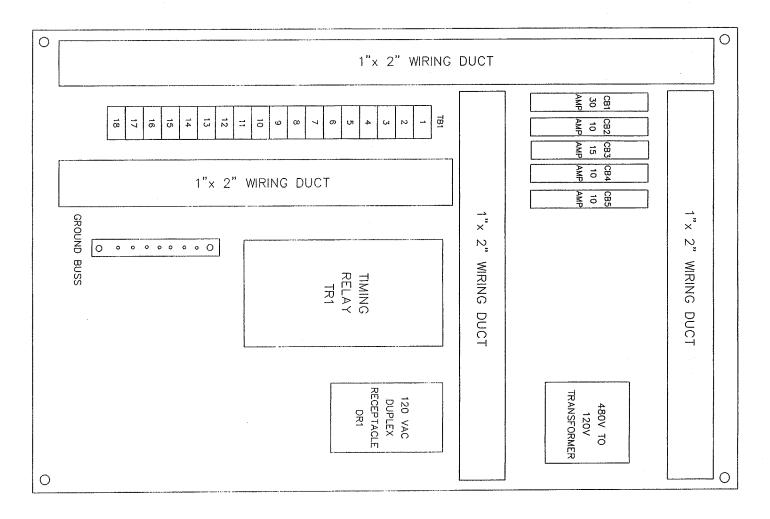
5. ENCLOSURE DOOR MECHANISM SHALL BE OF THE LOCKING TYPE.

6. ENCLOSURE MOUNTING HEIGHT SHALL BE 5 FEET FROM THE GROUND AS MEASURED FROM THE BOTTOM OF THE ENCLOSURE. SEE SHEET 4, 5, AND 6 FOR ENCLOSURE MOUNTING DETAILS.



SUB-PANEL ASSEMBLY
FOR MASTER DETECTOR SCHEMATIC SEE SHEET 8.
FOR BRIDGE WARNING SYSTEM SCHEMATIC SEE SHEET 9

ELECTRICAL CONTROL CABINET



3/26/04 ADDENDUM No.2



& ENGINEERING DIVISION DESIGN DESIGN SECTION

TRANSPORTATION SOLUTIONS

DKS Associates

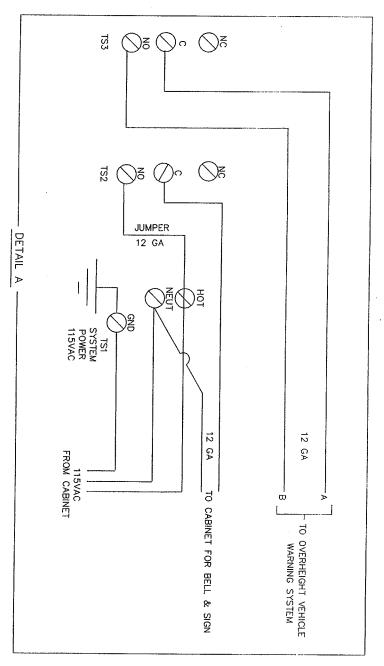
CALL 48 HOURS BEFORE YOU DIG 1-800-553-4344 "It's the Low"

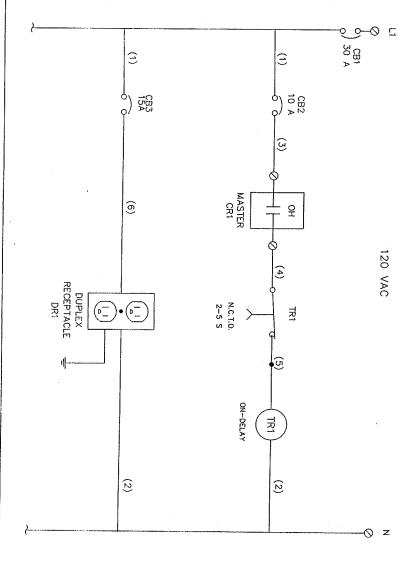
DESIGNED: SMM DRAWN: DKS CAD CRP: 392922 HORIZ. VERT. *3/26/04* OVD7 DATE: DWG: SHEET 7 OF 11

NORTHWEST UTILITIES NOTIFICATION CENTER

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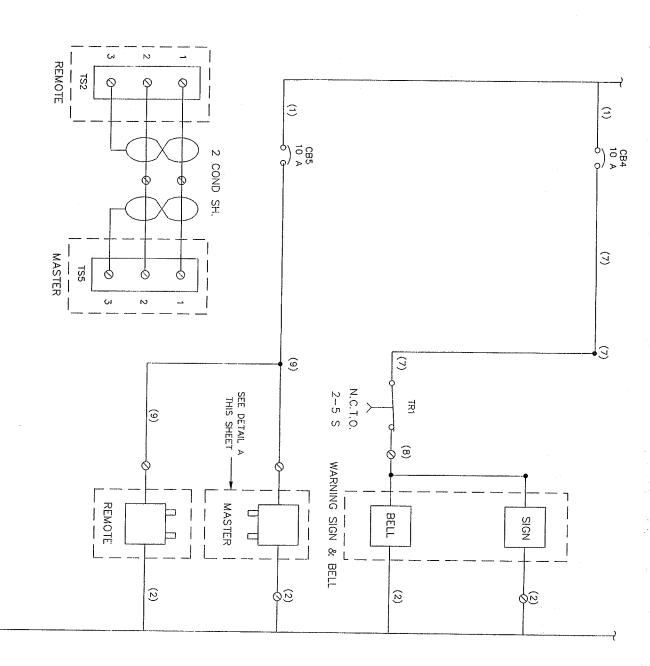
OVERHEIGHT VEHICLE DETECTOR/WARNING SYSTEM CABINET DETAIL





MASTER DETECTOR SYSTEM

CABINET SCHEMATIC DIAGRAM



CB CIRCUIT BREAKER
TR TIME RELAY
CR CONTACT RELAY
N.C.T.O. NORMAL CLOSED TO OPEN
S. SECOND
A AMP
TB TERMINAL BLOCK
TS TERMINAL STRIP
DR DUPLEX RECEPTACLE
OH OVERHEIGHT
SH SHIELDED

ADDENDUM No.2 3/26/04



DESIGN & ENGINEERING DIVISION DESIGN SECTION

OVERHIEGHT VEHICLE DETECTOR SYSTEM MASTER DETECTOR CABINET SCHEMATIC

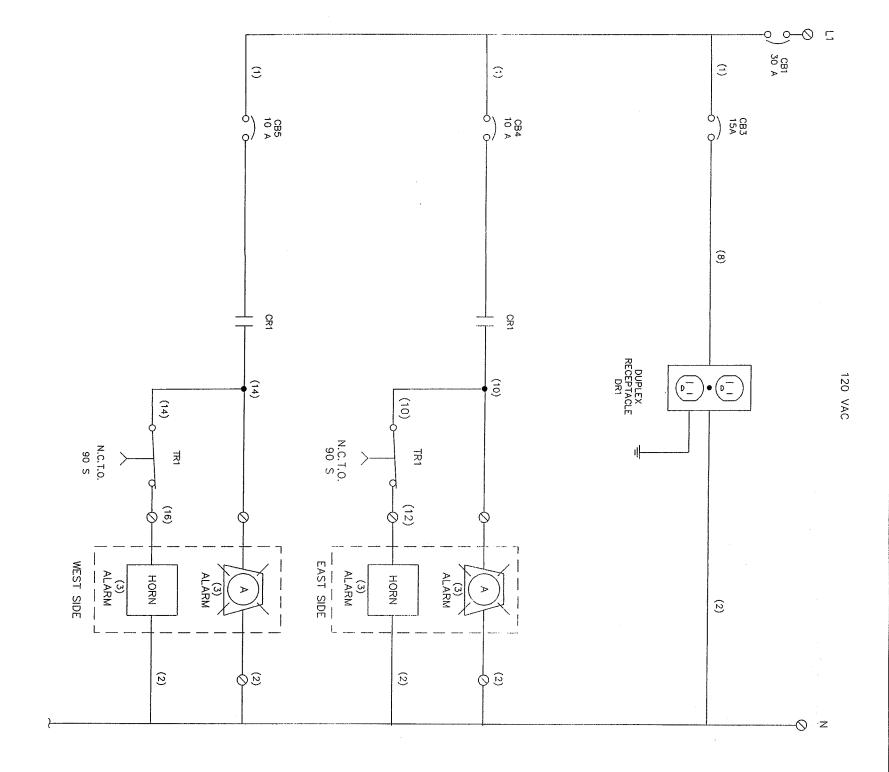
DKS Associates
TRANSPORTATION SOLUTIONS
1800 SPEEDANNIA, SUB POR Text (500) 2023-2000 Portfuel, Chapter (500

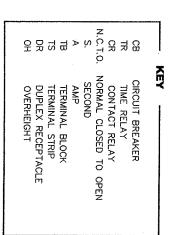




Fed. Aid No. STPF-4253(010)

CABINET SCHEMATIC DIAGRAM BRIDGE WARNING SYSTEM





3/26/04 ADDENDUM No.2



DESIGN & ENGINEERING DIVISION DESIGN SECTION

OVERHIEGHT VEHICLE DETECTOR SYSTEM BRIDGE WARNING CABINET SCHEMATIC

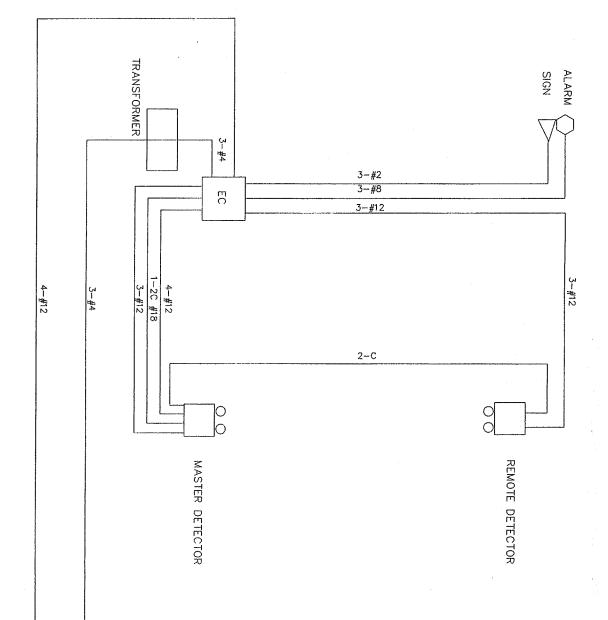
DKS Associates TRANSPORTATION SOLUTIONS



1-800-553-4344 "It's the Low" NORTHWEST UTILITIES NOTIFICATION CENTER

DESIGNED: SMM CALL 48 HOURS
BEFORE YOU DIG DRAWN: DKS CAD CRP: 392922 HORIZ. VERT. 3/26/04 0VD9 DATE: DWG: OF 11 SHEET 9

VEHICLE DETECTOR SYSTEM



ADDENDUM No.2 3/26/04

proud past, promising future

DESIGN & ENGINEERING DIVISION DESIGN SECTION

SEE SHEET 11

FROM ELECTRICAL
CONTROL CABINET
MASTER DETECTOR
ON SHEET 10

SYSTEM SCHEMATIC DIAGRAM

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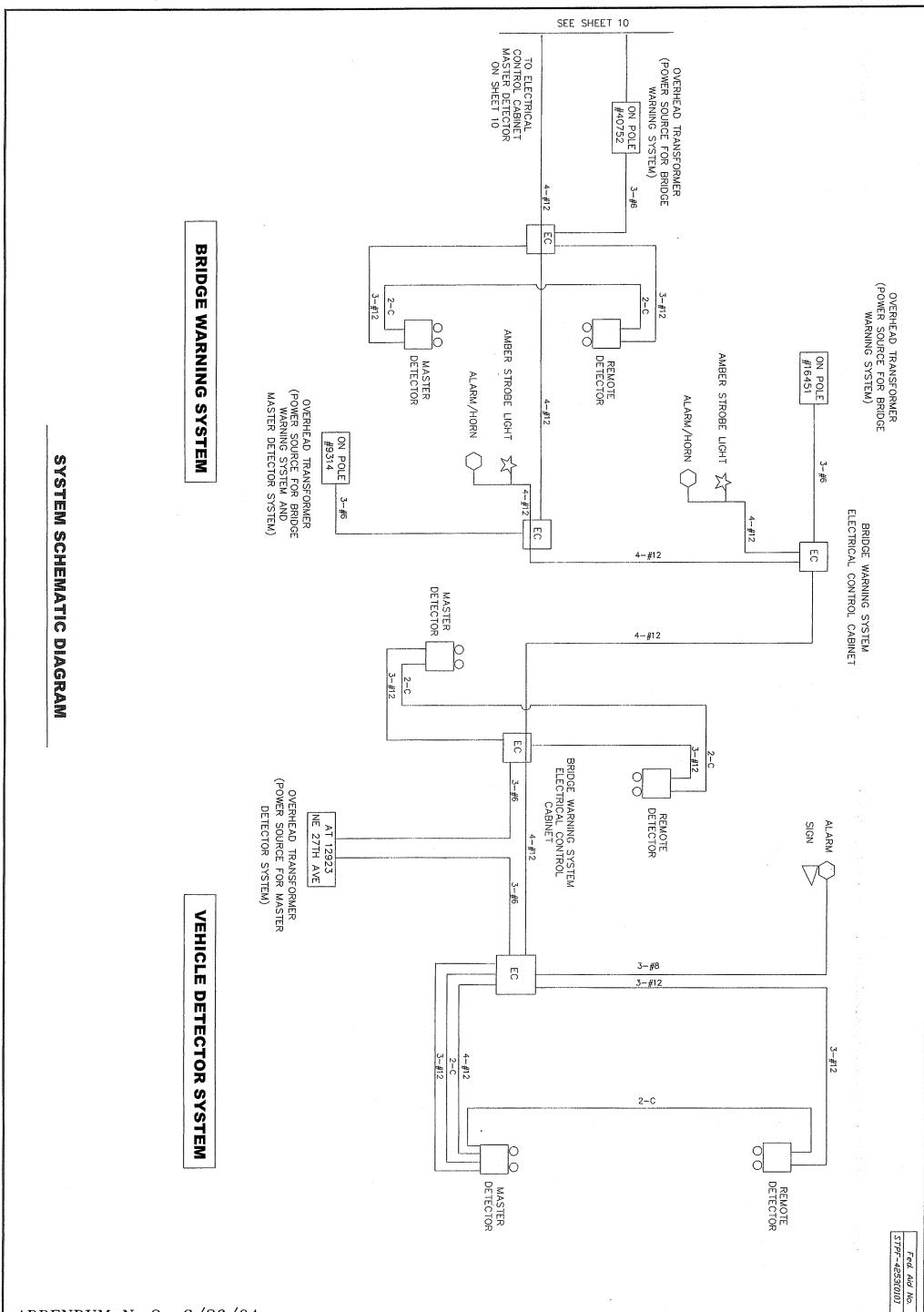


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SHEET 10 OF 11

OVERHIEGHT VEHICLE DETECTOR SYSTEM



ADDENDUM No.2 3/26/04



DESIGN & ENGINEERING DIVISION DESIGN SECTION

OVERHIEGHT VEHICLE DETECTOR SYSTEM SYSTEM SCHEMATIC DIAGRAM

DKS ASSOCIATES
TRANSPORTATION SOLUTIONS
1400 SW 12th Averus, Data 200 Todastere: (200) 243-2500
Porter-C. Organo 27(20-25)22
For (200) 343-1554





DRAWN: DKS CAD
CRP: 392922
HORIZ.
VERT.
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SHEET 11 OF 11

SMM